



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : A61K 38/17, 31/7088, 31/35, 31/00, 9/72, 9/127, C07H 21/00, G01N 33/50, A61K 38/19, 31/739, A61P 11/00, 1/00		A2	(11) International Publication Number: WO 00/50062
			(43) International Publication Date: 31 August 2000 (31.08.00)
(21) International Application Number: PCT/US00/05050		(74) Agents: BISWAS, Sorojini, J. et al.; Myers, Bigel, Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).	
(22) International Filing Date: 24 February 2000 (24.02.00)			
(30) Priority Data: 09/256,154 24 February 1999 (24.02.99) US		(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	
(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US Not furnished (CIP) Filed on Not furnished			
(71) Applicant (for all designated States except US): NORTH CAROLINA STATE UNIVERSITY [US/US]; 1 Holladay Hall, Campus Box 7003, Raleigh, NC 27695-7003 (US).			
(72) Inventors; and (75) Inventors/Applicants (for US only): LI, Yuehua [CN/US]; 2347 Champion Court, Raleigh, NC (US). MARTIN, Linda, D. [US/US]; 8613 Cazatina Court, Apex, NC 27502 (US). ADLER, Kenneth, B. [US/US]; 5301 Wood Valley Drive, Raleigh, NC 27613 (US).		Published Without international search report and to be republished upon receipt of that report.	
(54) Title: METHODS AND COMPOSITIONS FOR ALTERING MUCUS SECRETION			
(57) Abstract Methods and compounds for increasing or decreasing mucus secretion in subjects, and particularly mucus secretion in the airways, are described. Methods of screening compounds for the ability to increase or decrease mucus secretion are also described.			